



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Boehm, et al. Art Unit : 1803
Serial No. : 08/003,223 Examiner : Unknown
Filed : January 11, 1993
Title : COMPOUNDS HAVING SELECTIVE ACTIVITY FOR RETINOID X
RECEPTORS, AND MEANS FOR MODULATION OF PROCESSES
MEDIATED BY RETINOID X RECEPTORS

CERTIFICATE UNDER 37 C.F.R. § 3.73(b)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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Sir:

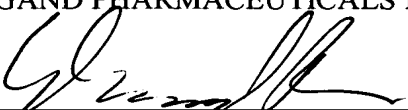
LIGAND PHARMACEUTICALS INCORPORATED, a Delaware corporation, with a current business address of 10275 Science Center Drive, San Diego, California 92121, U.S.A., is the Assignee of the entire right, title and interest in the above-captioned patent application by virtue of an Assignment from the inventors. A copy of the Assignment from the inventors to LIGAND PHARMACEUTICALS INCORPORATED is attached hereto.

The undersigned (whose title is supplied below) is empowered to act on behalf of the Assignee.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

LIGAND PHARMACEUTICALS INCORPORATED

Date: 2/14/05



Warner R. Broaddus, General Counsel
Vice President and Secretary

A S S I G N M E N T

WHEREAS, WE, MARCUS F. BOEHM, a citizen of the United States residing at 4007 Everts Street, San Diego, California 92109, and RICHARD A. HEYMAN, a citizen of the United States residing at 147 Honeycomb Court, Encinitas, California 92024, have invented a new and useful invention entitled "COMPOUNDS HAVING SELECTIVE ACTIVITY FOR RETINOID X RECEPTORS, AND MEANS FOR MODULATION OF PROCESSES MEDIATED BY RETINOID X RECEPTORS", for which an application for Letters Patent of the United States of America has been filed on January 11, 1993, under Serial No. 08/003,223; and

WHEREAS, LIGAND PHARMACEUTICALS INCORPORATED, a California corporation having its principal place of business at 9393 Towne Centre Drive, Suite 100, San Diego, California 92121, is desirous of acquiring the exclusive right, title, and interest in and to said invention and in and to the Letters Patent to be granted and issued therefor in the United States of America and its territories and possessions, and all countries foreign thereto.

NOW, THEREFORE, for a valuable consideration, the receipt of which is hereby acknowledged, we, MARCUS F. BOEHM and RICHARD A. HEYMAN, do hereby sell, assign, transfer, and set over unto the said LIGAND PHARMACEUTICALS INCORPORATED, its successors and assigns, the full and exclusive right, title, and interest in and to the said invention, and in and to any and all Letters Patent to be granted and issued therefor, including all continuations, continuations-in-part, and/or divisional applications, not only for, to, and in the United States of

America, its territories and possessions, but for, to, and in all other countries including all priority rights under the International Convention and any other applicable laws or treaties; and we hereby authorize and request the United States Commissioner of Patents and Trademarks to issue said Letters Patent to said LIGAND PHARMACEUTICALS INCORPORATED, its successors and assigns, in accordance with this Assignment.

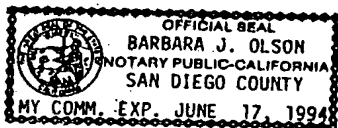
WITNESS my hand at San Diego, California, this 24th day of March, 1993.

Marcus F. Boehm
Marcus F. Boehm

FILED 0318 MAR 19 1993

STATE OF CALIFORNIA)
) ss
COUNTY OF SAN DIEGO)

On this 24th day of March, 1993, before me, Barbara J. Olson, Notary Public, personally appeared MARCUS F. BOEHM, proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to this instrument, and acknowledged that he executed it.



Barbara J. Olson
Notary Public in and for said
County and State

WITNESS my hand at San Diego, California, this 22 day
of March, 1993.

Richard A. Heyman
Richard A. Heyman

STATE OF CALIFORNIA)
) ss
COUNTY OF SAN DIEGO)

On this 22 day of March, 1993 before me,
Barbara J. Olson, Notary Public, personally appeared
RICHARD A. HEYMAN, proved to me on the basis of satisfactory
evidence to be the person whose name is subscribed to this
instrument, and acknowledged that he executed it.

Barbara J. Olson
Notary Public in and for said
County and State

